

Service Coordination Board (SCB) Meeting Summary

Date: 26 March 2015

Members in attendance:

	Member	In Attendance
AES	John Maclean	
	Geoff Pile	√
ASD	Ju Wang	
	Ali Nassiri	√
XSD	Mark Beno	
	Chris Jacobsen	
	Jonathan Lang	√
Upgrade Project	Tom Fornek	√
	Mohan Ramanathan	√

Also in attendance: Steve Davey, Nancy Grossman, and Rose Torres

This report can be accessed through the following link: [APS 1682428](#)

Agenda

- I) Review of Meeting Minutes
- II) Review of Open Action Items
- III) Status of Projects
- IV) Other Business
 - . Divisions’ Reviews of Submitted Proposals – Review list of submitted projects and identify which ones to reject, keep active, or request SCB approval
- V) New Business
 - . Submitted: Storage Ring Current Monitors Surrogate Signals (ASD P-2553, requester - L. Emery, Project Manager -R. Keane (ASD-DIA) - [APS 1678918](#))
 - i. Estimated resources summary: \$20K, 748 hours total effort (ASD/AOP – 128 hours, AES/CT – 80 hours, ASD/DIA engineer – 380 hours, ASD/DIA technician – 160 hours)
 - a. Provisionally Approved: AIMS - APS Integrated Management System proposal (PSC-PA P-2055, requester – George Srajer, Project Manager -N. Grossman)
 - i. Estimated resources summary: 6,000 hours total effort (ASD – 1,000 hours, AES – 3,000 hours, AES (Geoff and Nancy) – 800 hours, ASD/DIA – 1,000 hours, XSD – 200 hours)
 - b. Submitted: XSD P-2633 NSLS BNL TXM Installation into 8-BM (requester - Evan Maxey) - WBS # APS.03.02.02.08

Estimated resources: \$18K, 224 hours total effort (XSD-TRR - 8 hours, XSD-MIC - 216)

Description: A large scientific instrument (TXM) which was originally purchased for NSLS will be moved into the 8BM-B hutch and commissioned. BNL personnel will operate the instrument and run the user "program" for an undefined period of time (expectation is roughly two years). This project serves to be the portion of effort and funding that ANL/APS will provide to help bring the system to operational status while maintaining compliance to ANL safety and quality requirements.

- c. Submitted: XSD P-2773 U1.8 Undulator Modification and Installation into Sector 32 (Requester - Francesco De Carlo, Project Manager - John Grimmer) - [APS 1681099](#)
Estimated Resources: \$24K, 780 hours total effort (AES CT 108 hours, AES MED - 16 hours, ASD MD Tech - 228 hours, MD Eng. 296 hours, MD Scientist 132 hours
Description: Modify existing undulator (U18#14) from 3.6m nominal length to 2.4m nominal length. Measure and magnetically tune the undulator, then install it in Sector 32 of the storage ring in the August/September 2015 shutdown.
- d. Re-plan of ASD P-2253 Installation of SCU1 into Sector 1 (Revised for April-May 2015 shutdown) – Requester - Y. Ivanyushenkov, Project Manager – J. Grimmer
Estimated Resources: \$10K, 380 total effort (SA Tech 24 hrs., MOM VC Tech 132 hrs., MOM VC Eng. 56 hrs., MD Tech 96 hrs., MD Eng. 72 hrs.
Start Date: 4/23/15; Finish Date: 5/20/15

Next Meeting

15 April 2015

New Action Items

1. Action item: (Nassiri) Discuss plans with ASD Director Zholents and other stakeholders the status of Storage Ring Current Monitor Surrogate Signals (P-2553,) proposal.
2. Action item: (Davey) Approve the NSLS BNL TXM Installation (P-2633) proposal.
3. Action item: (Davey) Provisionally approve U1.8 Undualtor Modification and Installation proposal (P-2773) and (Torres) send to the Group Leaders to see if they can commit to the project.
4. Action item: (Davey) Approve Horizontal Gap Vertical Polarizing Undulator (HGVPU) Prototype (P-2840) proposal.
5. Action item: (Torres) Send revised Preparation and Installation of SCU1 (P-2253) plan to Group Leaders to review/approve the new baseline.
6. Action item: (Torres) Send revised Preparation and Installation of SCU1 (P-2253) plan to Group Leaders to review/approve the new baseline
7. Action item: (Nassiri) Talk to Zholents about close out of Installation of a 5mm chamber modification for sector 4 (P-2433)
8. Action item: (Torres) Check with Bingxin regarding closeout status of the X-ray BPM Enhancement AIP WP 01202 (P-1154) project

9. Action item: (Davey) remove inactive proposals by next meeting

Review of Open Action Items

Status of Ongoing Action Items Summary:

1. Action item: Work with Gluskin to determine the approach for the change in scope in SCU-1 project (change scope in existing plan – adding removal, troubleshooting/repair, and reinstallation - or new proposals/projects for the new scope) and will update the SCB within a week. (Pile)
Closed - Per Pile, re-planned/re-scoped and scheduling is covered in the shutdown planning.
2. Action item: Review list of submitted projects and identify which ones to reject, keep active, or the request SCB approval for. (SCB members)
Open (To be completed by next meeting.)
3. Action Item: Work with Grossman and merge the two versions of project roles and responsibilities and present update at a future SCB meeting. (Pile)
Closed - The definition of roles and responsibilities will be the responsibility of the AIMS team. (Resource Evaluation Group (REG) proposed to take over SCB role.)
4. Action Item: Maclean to follow-up on WBS for the Early Career Award Project (P-1454, APS_1437980).
Closed - Done
5. Group leader review of revised Sector 35/Sector 31 Straight Section Exchange project (P-1833, APS_1442033) (Torres)
Open – (See Status of Projects section)

Meeting Summary

Torres distributed:

- 1) Meeting Agenda
- 2) Draft minutes form the 21 January 2014 meeting (APS_xxx)
- 3) APS Project Report Summary - February 2014 (APS_1442081, rev. 17)
- 4) APS Project Resource Summary- February 2014 (APS_1432632, rev.47)
- 5) APS Project Report Summary Comment - February 2014(APS_1440691, rev 20)

Review of Meeting Minutes –21 January 2015 meeting summary. Minutes accepted.

Meeting Summary

Status of Projects

BPM enhancement project (P-1154, [APS 1433087](#)):

Mohan: Bingxin Yang's project is part of the upgrade.

Davey: Then effort covered by the Effort Resource Agreement (ERA)

Pile: Scheduling included with shutdown planning

Nassiri: It is covered by the ERA, if added resources are needed then the requester should come to the SCB

Storage ring current monitor surrogate signals (P-2553, [APS 1678918](#)):

Torres: A plan has been submitted for the SR current monitor surrogate signals:

- \$20k M&S
- 748 hours of effort
- Urgent priority

Nassiri: This is linked to other projects. The status is unclear.

Action item: (Nassiri) Discuss plans with ASD Director Zholents and other stakeholders the status of Storage Ring Current Monitor Surrogate Signals (P-2553) proposal.

AIMS – APS Integrated Management System (P-2055)

Torres: A project plan has not been submitted

Grossman: Still negotiating. Plan next month.

NSLS BNL TXM installation (P-2633)

Torres: What is the status of P-2633

Lang: Didn't know about the proposal. This project is being directed by DOE/Peter Lee.

Action item: (Davey) Approve the NSLS BNL TXM Installation (P-2633) proposal.

U1.8 Undualtor Modification and Installation (P-2773)

Torres: A project plan has been submitted

Lang: Instructed to submit, ID in 35 being shortened.

Action item: (Davey) Provisionally approve U1.8 Undualtor Modification and Installation proposal (P-2773) and (Torres) send to the Group Leaders to see if they can commit to the project.

Horizontal Gap Vertical Polarizing Undulator (HGVPV) Prototype (P-2840, [APS 1682135](#)):

Torres: A project plan has been submitted by Geoff Pile.

Pile: This is a gray area. The project is bringing in money (2 FTEs, 3 people over nine months, 10+ people contributing). The whole process of submittal took minutes.

Fornek: Any work for the Magnetic Measurement Group? That will soon be a bottle neck.

Lang: Almost 1 FTE-year for the Magnetic Devices Group. Good to know resources that are needed.

Pile: Not an Ops WBS activity.

Torres: How are people going to book their time without a WBS number?

Pile: Workers to be provided cost codes. To associate an activity with a project number is useful.

Torres: Requested group Leaders have approved and commit to the project.

Action item: (Davey) Approve Horizontal Gap Vertical Polarizing Undulator (HGVP) Prototype (P-2840) proposal.

Preparation and Installation of SCU1 (P-2253, [APS_1445357](#)):

Torres: Re-baselined plan received.

Action item: (Torres) Send revised Preparation and Installation of SCU1 (P-2253) plan to Group Leaders to review/approve the new baseline.

Pile: Already included in shutdown planning.

Nassiri: ... as long as Group Leaders approve.

Linac Transverse Deflecting Cavity (P-1373, [APS_1433113](#)):

Torres: A revised plan has been received.

Action item: (Torres) Send revised Preparation and Installation of SCU1 (P-2253) plan to Group Leaders to review/approve the new baseline

Lang: How much of an increase is sought?

Torres: Summaries have approved hours and new estimates.

Nassiri: The effort was under estimated (~3,000 hours added)

Pile: We may not have adequate resources if staffing levels are changed.

Lang: to submit proposals for:

- I) SCU0, almost all in MD
- II) Replace 6-ID front end, planned for the January or May 2016 shutdown.

Ramanathan: MOM Group is on board with this plan.

Lang: Some pre-work needed.

Pile: Looking at schedule integration. Need to combine project proposals and shutdown planning. Prep work alone may be accounted for and may also be included with a project plan. How to avoid double accounting needs to be worked out.

Torres: We need a database.

Closeouts

Torres: Projects to close-out:

- SR bunch current monitor upgrades – Servers and DAC boards (P-1213, [APS_1433094](#)), per Farnsworth, a “failure”
- Installation of a 5mm chamber modification for sector 4 (P-2433, [APS_1662579](#))

Ramanathan: Any remaining work can go to shutdown planning

Torres: Who should the request for feedback forms be sent to? Zholents?

Nassiri: Zholents

Action item: (Nassiri) Talk to Zholents about close out of Installation of a 5mm chamber modification for sector 4 (P-2433)

Ramanathan: Yang should close-out the X-ray BPM Enhancement AIP WP 01202 (P-1154, [APS 1433087](#)) project.

Action item: (Torres) Check with Bingxin regarding closeout status of the X-ray BPM Enhancement AIP WP 01202 (P-1154) project.

Other Business

Divisions' Reviews of Submitted Proposals – Review list of submitted projects and identify which ones to reject, keep active, or request SCB approval

Action item: (Davey) remove inactive proposals by next meeting

New Business

New Project Proposal System

Grossman: The project proposal system update has been released.

Torres: Is top priority 1 or 5?

Grossman: 1

Pile: Section B clean-up

Torres: Informed when a project is closed in DayForce then the resource information will no longer be reported in the DayForce reports.

Next Meeting: 15 April 2015, 401/B4100, 11:15